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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,969	08/08/2001	Shell S. Simpson	10008204-1	2101

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
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EXAMINER

ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 05/03/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/923,969

Applicant(s)

SIMPSON ET AL.

Examiner

Charles E Anya

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-21 are pending in this application.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The current title is imprecise. Please change the title to reflect as follows: "Web based imaging page redirector system for accessing a redirector reference that directs a browser to a redirector software".

3. Applicant's specification [p. 38 – p.43 paragraph 0124] filed on 8/8/01 is objected because it includes "computer program listing" having over 300 lines.

If the citing of the "computer program listing" necessary to make the invention work, applicant is required to incorporate the content of the "computer program listing" as an appendix and submit it in a compact disk form.

Any "computer program listing appendix" having over 300 lines must be submitted on a compact disc in compliance with § 1.52(e). A compact disc containing such a computer program listing is to be "referred to" as a "computer program listing appendix filed in compact disk form at the beginning paragraph of the specification." The computer program listing appendix will not be part of the printed patent. See MPEP 608.05.

In addition, any reference to the "computer program listing" in the specification should be amended to incorporate these changes.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claim 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,623,527 B1 to Hamzy in view of U.S. Pat. No. 5,870,546 to Kirsch.**

6. As to claim 1, Hamzy teaches a client configurable web based imaging page redirector system, comprising: redirector software to determine at least one destination reference to a desired web page destination or web based imaging service (Col. 2 Ln. 31 – 53, figure 2 Col. 4 Ln. 33 – 67, figure 3 Col. 5 Ln. 22 – 47, Col. 6 Ln. 1 – 26), client software that obtains content to be processed and which accesses the redirector reference and directs the browser to the redirector software (Col. 5 Ln. 8 – 21, figure 3 Col. 5 Ln. 22 – 47).

7. Hamzy does not explicitly teach a storage mechanism storing a redirector reference to the redirector software.

8. Kirsch teaches a storage mechanism storing a redirector reference to the redirector software (Col. 6 Ln. 52 – 64, Col. 8 Ln. 25 – 28).

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9. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Kirsch and Hamzy because the teaching of Kirsch would improve the system of Hamzy by imposing minimum visibility of the redirection protocol on client users (Kirsch Col. 5 Ln. 46 – 50).

10. As to claim 2, Hamzy teaches the system as defined in claim 1, wherein the redirector reference is to a redirector web page that contains said redirector software (figure 3 Col. 5 Ln. 22 – 47).

11. As to claim 3, Hamzy teaches the system as defined in claim 1, wherein the redirector reference is to a server that contains said redirector software (Proxy Server 103 Col. 4 Ln. 54 – 65).

12. As to claim 4, Hamzy teaches the system as defined in claim 1, wherein the client software is a printer driver (Col. 5 Ln. 8 – 21).

13. As to claim 5, Hamzy teaches the system as defined in claim 1, further comprising the element of a configuration page, displaying to the user a set of web page or web based imaging service options; receiving a selection of one of the options from the user; and storing a reference to the selected option as the destination reference (figure 2 Col. 4 Ln. 54 – 67).

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14. As to claim 6, Hamzy teaches the system as defined in claim 1, wherein the redirector software includes code which looks for a cookie or other storage on a user's system that has a destination reference (figure 2 Col. 4 Ln. 54 – 65).

15. As to claim 7, Hamzy teaches the system as defined in claim 1, wherein the redirector software includes code that calls an API method for obtaining the destination reference (Col. 5 Ln. 8 – 21).

16. As to claim 8, Hamzy teaches the system as defined in claim 1, wherein the redirector software includes code to select a redirector reference based on rules (Col. 5 Ln. 49 – 67).

17. As to claim 9, Hamzy teaches the system as defined in claim 8, wherein the rules include at least a first rule that provides a first destination reference if a user's system is inside of a firewall, and a second rule that provides a second destination reference if the user's system is outside of the firewall (Col. 5 Ln. 49 – 67).

18. As to claim 10, Hamzy teaches the system as defined in claim 1, wherein the redirector web page includes a hierarchy of destination references and further comprises code for automatically selecting the destination reference according to the hierarchy based on availability (Col. 7 Ln. 1 – 37).

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19. As to claim 11, Hamzy teaches the system as defined in claim 1, wherein the redirector software selects a local service to access based on a location of a user's system, and accesses that service to determine the availability of a local image processor service (figure 4 Col. 7 Ln. 38 – 58).

20. As to claim 12, Hamzy teaches the system as defined in claim 11, wherein the redirector software selects a destination reference based on a first rule that if a local printer service is available, then selecting a destination reference for that local printer service, and a second rule that if no local printer service is available, then selecting a default destination reference (Col. 7 Ln. 1 – 32).

21. As to claim 13, Hamzy teaches the system as defined in claim 1, wherein the client software causes the user's browser to browse to a web site to obtain the redirector reference (figure 2 Col. 4 Ln. 33 – 67).

22. As to claim 14, Hamzy teaches the system as defined in claim 1, wherein the client software uploads the content to a personal imaging repository (Col. 6 Ln. 26 – 51).

23. As to claims 15 and 21, see the rejection of claim 1.

24. As to claims 16-19 and 20, see the rejection of claims 5-8 and 10 respectively.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (703) 305-3411. The examiner can normally be reached on M-F (8:30-6:00) First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, An Meng-Ai can be reached on (703) 305-9678. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles E Anya
Examiner
Art Unit 2126

cea.


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